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## Foreword

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This volume of the *International Journal of Reasoning-based Intelligent Systems (IJRIS)* consists of 18 selected papers from INISTA 2009 – International Symposium on Innovations in Intelligent Systems and Applications. INISTA 2009 was organised by Karadeniz Technical University, in cooperation with Yildiz Technical University in Trabzon, Turkey.

Both theoretical knowledge and application areas of the intelligent systems are growing fast, therefore, the requirement of new communication places for the researchers is arising. *IJRIS* aims to be an interdisciplinary forum that publishes original works related to intelligent systems, especially based on all kinds of formal and informal reasoning. Similarly, INISTA has been thought as a platform that the work over the world in this field can be presented and discussed. Hence, INISTA and *IJRIS* are working together now. We are proud to present you this special issue.

A total of 155 papers from 21 countries were submitted to INISTA 2009 and through the symposium, 105 of them were presented after a double-blinded review process. Among them, 18 are selected to constitute this special issue. Selecting these papers among the others was a difficult process; approximately 80% of valuable works must be eliminated. But at the end of the moment, we decided to select application-based articles. Second, we tried to select them in a wide range of application areas to show the readers new domains. However, still we are sad to see some of the papers out of this special issue.

Finally, we would like to thank Professor Kazumi Nakamatsu for publishing *IJRIS*, for opportunity of this special issue and for his valuable and continuous support to INISTA.